



Figure S3: Stable stationary states of protein monomers level for different doubling times T and different repression levels r_g . Bistability range in the deterministic approximation of the model increases with the increasing inhibition rate r_g . For low level of repression, $r_g = 0.0005$, the system is monostable for all considered doubling times T . For stronger repression, the bistability arises first for doubling time $T = 40$ min, and then the range of doubling times for which the system is bistable increases with repression level.